

TOP SECRET

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

PHOTOGRAPHIC INTERPRETATION REPORT



TRANSPORTATION,
LOGISTICS, AND MILITARY
ACTIVITY
CHINA-NORTH VIETNAM
BORDER AREA

25X1

AUGUST 1969

COPY 120

29 PAGES

25X1

Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

~~TOP SECRET~~

25X1

PHOTOGRAPHIC INTERPRETATION REPORT

TRANSPORTATION, LOGISTICS AND MILITARY ACTIVITY CHINA-NORTH VIETNAM BORDER AREA

AUGUST 1969

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

~~TOP SECRET~~

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

SUMMARY

This report is based on photography from [] and describes the development of Chinese Communist lines of communication and logistics and military facilities in those parts of Kunming and Canton (Kuangchou) Military Regions within 20 nautical miles (nm) of the China-North Vietnam border. The report is divided into two parts.

Part 1 describes the development of lines of communication including rail, road, and water routes. There are 17 major road construction or improvement areas, designated as items 1 through 17.

Part 2 describes the military and logistics facilities in the area of study. A total of 79 facilities are discussed. The areas with the highest concentrations of facilities are designated as areas 2A, 2B, and 2C.

The report includes maps for both parts and photographs of selected facilities discussed in Part 2. The items and facilities covered in the basic description are numbered generally from west to east and keyed to their respective maps.

25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1

Approved For Release 2003/06/29 : CIA-RDP78T04759A009400010023-9

~~TOP SECRET~~

25X1

BASIC DESCRIPTION

Part 1, See Foldout Map (Figure 1)

The three primary means of transporting supplies and material from China to North Vietnam are rail, road, and water.

Rail

25X1D

Prior to [] the Chinese utilized the meter gauge North Vietnamese rail system to transport material into North Vietnam and on to Kunming. This system extended from Kunming south to Hokou and into North Vietnam to the vicinity of Hanoi, then proceeded northeast to Pinghsiang.

25X1D

25X1D

The transloading from standard gauge rail cars to meter gauge rail cars for movement into North Vietnam was accomplished at Pinghsiang until [] the Chinese and North Vietnamese converted a portion of the Hanoi-Pinghsiang rail line to a dual gauge (both standard and meter gauge) capability by adding a third rail to the existing meter gauge line. Standard gauge rail cars were first identified on the Kep-Thai Nguyen rail line in North Vietnam [] indicating that the dual gauge capability existed as far as Pinghsiang.^{1,2} This dual gauge capability partially eliminated the need to transload material at Pinghsiang.

25X1D

Direct internal rail service to the Kunming area was provided with the completion of the Kunming-Kueiyang rail line in [] This eliminated the need for the Chinese to traverse North Vietnam in order to supply the Kunming area, and provided a significant rail corridor for the movement of material into North Vietnam.

25X1D

[] the Kunming-Hokou rail line was meter gauge and the Pinghsiang-Dong Dang rail line was dual gauge.

Road

25X1D

The most recent photography of [] reveals 14 motorable roads providing through transportation across the China-North Vietnam border. Ten of these roads are in the Canton Military Region and four are in the Kunming Military Region.

25X1D

25X1D

Seventeen major road construction or improvement areas are identified in this study. All were complete by [] except Item 17, which was in a late stage of construction on photography of [] No other active road construction is observed.

Approved For Release 2003/06/29 : CIA-RDP78T04759A009400010023-9

~~TOP SECRET~~

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

ITEM	DESCRIPTION	
1	[] Route 414 was observed from the boundary of the area of study at 23-03N 102-45E extending west to Koula at 22-59N 102-25E. By [] the road had been improved and widened between Koula and 22-55N 102-47E. Photography of [] revealed Route 414 was serviceable from Koula west to the boundary of the area of study at 23-00N 102-05E. For a complete delineation of this road see NPIC []	25X1D
2	[] a bridge was observed under construction over the Red River at 23-01N 103-21E, on Route 23. The bridge was serviceable by []	25X1D
3	No construction was observed on Route 24 in [] Route 24 was under construction from the boundary of the area of study at 23-05N 103-37E south to 22-55N 103-36E. Photography of [] revealed the construction had been extended south to Hokou, at the China-North Vietnam border. In [] the road was complete except for several bridges under construction: these bridges were being bypassed by fords. All construction was complete []	25X1D 25X1D 25X1D
4	[] an unnumbered road was observed extending from its junction with Route 415, at 23-57N 104-15E, south to the Mifu River at 22-52N 104-12E. There was no evidence of this road in []	25X1D
5	[] no construction activity was observed on Route 25. [] the route had been improved and realigned from the China-North Vietnam border at 22-55N 104-50E to 23-15N 104-35E, and a bridge had been constructed over the Panlung Stream at 22-56N 104-50E.	25X1D 25X1D
6	[] no construction activity was observed on Route 417. The route was under construction from 23-25N 105-21E to 23-21N 105-09E in [] Route 417 was serviceable by []	25X1D 25X1D
7	[] no construction activity was observed on Route 538. [] a new segment of the road, extending from 22-42N 106-57E to 22-55N 106-45E, was complete and serviceable.	25X1D 25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

CIA-RDP78T04759A009400010023-9

25X1

ITEM	DESCRIPTION
25X1D 8	[redacted] an unnumbered road was observed under construction from Lung-ching, at 22-20N 106-51E, east to 22-23N 107-02E. The road was complete from Lungchng to 22-25N 107-19E by [redacted]
25X1D 9	[redacted] a bridge was observed under construction over the Lung River immediately south of Lungching at 22-20N 106-51E, on Route 509. The bridge was complete by [redacted]
25X1D 10	[redacted] an unnumbered road was observed under construction from Ping-hsiang, at 22-06N 106-44E, northwest to 22-12N 106-44E. The road had been extended 3 nm to the China-North Vietnam border at 22-15N 106-43E by [redacted]
25X1D 11	[redacted] There was no evidence of this road in [redacted]
25X1D 12	Route 26 was improved and realigned from the China-North Vietnam border at 21-57N 106-42E to Ningming, at 22-08N 107-05E, between [redacted]
25X1D 13	[redacted] a bridge was observed under construction over the Mingchiang River immediately south of Ningming at 22-07N 107-04E, on Route 26. The bridge was complete by [redacted] No construction activity was observed in [redacted]
25X1D 14	[redacted] Route 542 was an unimproved road extending from a ferry crossing on the Mingchiang River at 22-06N 107-24E south to its terminus at 21-54N 107-26E. [redacted] a road was observed under construction from 22-06N 107-24E south-southwest to 21-45N 107-12E. [redacted] a bridge had been constructed over the Mingchiang River at 22-06N 107-23E, and the road was serviceable to the China-North Vietnam border.
25X1D 15	[redacted] an unnumbered road was observed extending from a junction with another unnumbered road, at 22-06N 107-58E, southwest to its terminus at 21-55N 107-43E. The road was improved and widened between [redacted]
25X1D 16	[redacted]
25X1D 17	Route 536 was a trail in [redacted] the trail had been converted into a road extending from a junction with Route 510, at 21-42N 107-47E, south to the China-North Vietnam border at 21-38N 107-44E.

25X1D

25X1D

25X1D

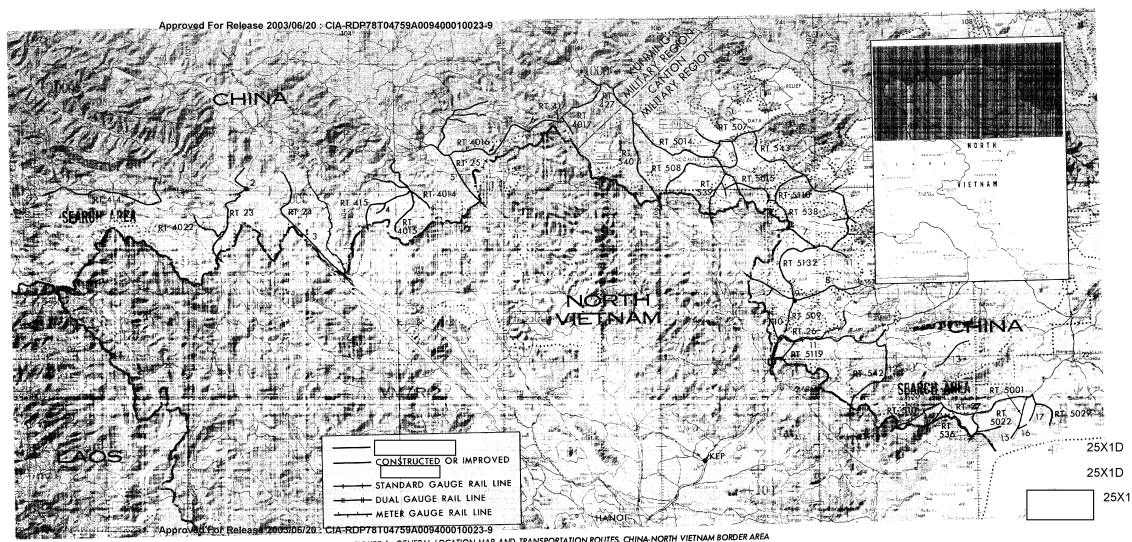
25X1D

25X1D

25X1D

25X1

ITEM	DESCRIPTION
25X1D 15	Route 5001 was not observed in [redacted]. It was in a late stage of construction on [redacted] and was probably servicable by [redacted]. The route extends from its junction with Route 27, at 21-45N 108-20E, south to the Palming Naval Facility (Figure 2, Facility 15), at 21-30X 108-10E.
25X1D 16	[redacted] a servicable unnumbered road was observed extending from its junction with Route 5001, at 21-35N 108-16E, east to Nanton Logistics Facility (Figure 2, Facility 16), at 21-35N 108-19E. There was no evidence of this road.
25X1D 17	[redacted] an unnumbered road in a late stage of construction was observed extending from its junction with Route 5029, at 21-41N 108-23E, south to Luchanpton Port Facility (Figure 2, Facility 17), at 21-36N 108-20E. There was no evidence of this road in [redacted].



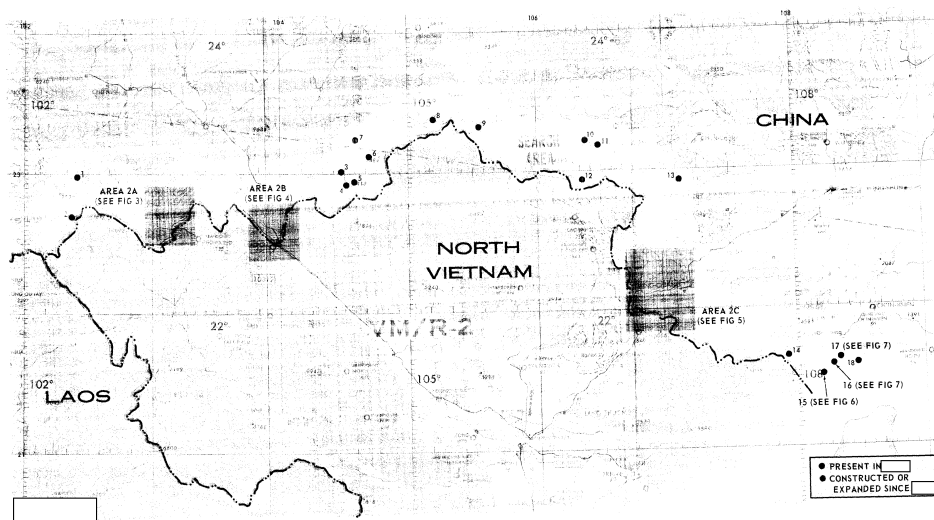


FIGURE 2 LOGISTICS AND MILITARY FACILITIES, CHINA-NORTH VIETNAM BORDER AREA
Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

ILLEGIB

25X1D
25X1D

25X1

Approved For Release 2009/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

- 8 Tungkan Probable Military Installation, [] at 23-21-00N 105-09-00E, consisted of one administration building, 17 probable barracks, three messhalls, and five support buildings in [] There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 9 Tienping Army Barracks East-northeast, [] at 23-18-30N 105-27-10E, consisted of one administration building, four barracks, and five support buildings [] There had been no change to this facility on photography [] and the facility has not been observed since that time. No order of battle has been observed.
- 10 Chinghsi Probable Vehicle Maintenance Area, [] at 23-10-45N 106-23-15E was not observed in [] The facility consisted of three probable vehicle maintenance buildings, four probable barracks, one messhall, and eight support buildings in [] There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 11 Chinghsi Probable Military Storage, at 23-08-40N 106-25-10E, consisted of two administration buildings, 15 barracks, one messhall, six storage buildings, and six support buildings in [] There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 12 Chinghsi Probable Radar Facility, [] at 22-54-00N 106-19-00E, was observed in [] It consisted of a cleared area and one small building on a hilltop by [] and the facility has not been observed since that time. Four cargo trucks were observed in []
- 13 Tunchoutsun Probable Barracks Area, at 22-54-55N 107-07-30E, consisted of 20 probable barracks, five storage buildings, [] and five storage or support buildings in [] There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 14 Hsinpu Probable Barracks Area, at 21-39-50N 107-57-50E, consisted of one C-shaped administration building, one classroom building or auditorium, 20 probable barracks, and ten storage or support buildings in [] It has not been observed on high-resolution photography since that time. No order of battle has been observed.
- 15 Pailung Naval Facility (Figure 6), [] at 21-30-28N 108-12-21E, consisted of one possible ponton wharf, 12 barracks, five storage buildings, and 15 storage or support buildings in [] Photography of [] revealed two finger piers, one offshore wharf under construction, and a support area with three administration buildings, 14 barracks, six revetted storage buildings, 22 other

25X1A

25X1D

25X1D

25X1A

25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1A

25X1D

Approved For Release 2009/06/20 : CIA-RDP78T04759A009400010023-9

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY**DESCRIPTION**

25X1D

storage buildings, 15 support or storage buildings, 4 [REDACTED]
 The offshore wharf appeared to be complete on the most recent photography of [REDACTED]
 [REDACTED] The number of vessels observed has varied from one small craft,
 two possible patrol craft, in [REDACTED]

25X1D

25X1D

25X1D

16 Niutou Logistics Facility (Figure 7), at 21-35-55N 108-19-20E, was not observed on
 photography of [REDACTED] The facility consisted of two probable POL storage
 tanks under construction and at least ten storage buildings in [REDACTED] the
 most recent photography. No order of battle has been observed.

25X1D

25X1D

17 Lanchuanao Port Facility (Figure 7), at 21-36-45N 108-20-00E, was not observed
 in [REDACTED] The facility consisted of a berthing quay under construction
 on a man-made peninsula and a support area with one large storage building,
 19 other storage buildings, one auditorium, nine barracks, and ten storage or support
 buildings on the most recent photography of [REDACTED] No order of battle has
 been observed.

25X1D

25X1D

18 Chisha Air Warning Radar Facility, [REDACTED] at 21-34-25N 108-28-10E,
 was first identified as a probable radar facility in [REDACTED] Photography of
 [REDACTED] revealed one MOON FACE-type radar and one probable MOON FACE-
 type radar with a control building. The facility has not been observed on high-
 resolution photography since that time.

25X1A

25X1D

Area 2A, See Foldout Map (Figure 3)

25X1D

This area extends along Route 23 from the China-North Vietnam border, at 22-36N 103-10E,
 approximately 17 nm north to 22-51N 103-14E. It contains 18 logistics and military facilities.
 [REDACTED] the number of buildings in Area 2A increased 50 percent and three oc-
 cupied antiaircraft artillery (AAA) sites (Facility 18) and a radar site (Facility 11) were constructed.
 A bridge over the Coum Stream, and North Vietnam Route 132 were completed in [REDACTED]
 thus providing a more direct access to northwest North Vietnam.

25X1D

FACILITY**DESCRIPTION**

25X1D

25X1D

1 Chipping Army Barracks North AL 3, [REDACTED] at 22-49-00N 103-13-30E,
 consisted of one administration building, 41 barracks, six messhalls, and six support
 buildings in [REDACTED] There had been no change to this facility on the most
 recent photography of [REDACTED] No order of battle has been observed.

25X1A

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

- 2 Chinping Army Barracks AL 1 (Figure 8). [] at 22-47-20N 103-13-50E. consisted of two administration buildings, one auditorium, 54 barracks, nine messhalls, six storage buildings, and ten support buildings in [] The installation was being expanded in [] it was complete and contained two administration buildings, one auditorium, 62 barracks, nine messhalls, 12 storage buildings, and 16 support buildings. There had been no further change to this facility on the most recent photography of [] Twenty-five cargo trucks were observed in []
- 3 Chinping Army Barracks East AL 2. [] at 22-47-16N 103-15-31E. consisted of six administration buildings, 34 barracks, five messhalls, three storage buildings, and four support buildings in [] The installation appeared to be abandoned in [] Eight buildings had roofs removed or partially removed and nine other buildings had holes in the roofs. There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 4 Chinping Army Storage. [] at 22-46-20N 103-13-50E. consisted of one administration building, one auditorium, 15 barracks, two messhalls, two warehouses, 24 storage buildings, and 21 support buildings in [] The installation was being expanded in [] it was complete and contained one administration building, one auditorium, 17 barracks, two messhalls, two warehouses, 75 storage buildings, and 21 support buildings. There had been no further change to this facility on the most recent photography of [] Twenty-two cargo trucks were observed in [] and 13 in []
- 5 Chinping Storage Area. at 22-46-05N 103-13-40E. consisted of eight storage buildings and four support buildings in [] There had been no change to this facility on the most recent photography of [] No order of battle has been observed.
- 6 Chinping Probable Vehicle Maintenance Area. at 22-45-59N 103-13-40E. was first observed under construction in [] It was still under construction and consisted of one barracks, three vehicle maintenance buildings, two grease pits, one building under construction, and two support buildings on the most recent photography of [] No order of battle has been observed.

25X1A

25X1D

25X1D

25X1D

25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

25X1D	7	Chinping Barracks Area, at 22-45-52N 103-13-32E, consisted of six barracks and one messhall in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. No order of battle has been observed.	25X1D
25X1D	8	Chinping Army Barracks South AL 4, [REDACTED] at 22-45-50N 103-13-30E, consisted of one administration building, 29 barracks, four messhalls, three vehicle maintenance buildings, three storage buildings, and 11 support buildings in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. Sixty cargo trucks were observed in [REDACTED].	25X1A
25X1D	9	Mihu Storage Area, at 22-45-30N 103-13-10E, was first observed under construction in [REDACTED]. It was complete and contained three dispersed storage buildings. There had been no change to this facility on the most recent photography of [REDACTED]. No order of battle has been observed.	25X1D
25X1D	10	Mihu Army Storage Southwest, [REDACTED] at 22-45-10E 103-13-20E, was first observed under construction in [REDACTED]. It was complete and consisted of 18 storage buildings and three support buildings on the most recent photography of [REDACTED]. No order of battle has been observed.	25X1A
25X1D	11	Chinping Air Warning Radar Facility, [REDACTED] at 22-43-48N 103-13-30E, was not observed on photography [REDACTED]. It was first observed in [REDACTED] and consisted of one MOON CONE radar, one probable CROSS LEGS radar, two control buildings, one drive-in building, 14 support buildings, one vehicle refuelment, and three probable automatic weapons positions. There had been no change to this facility on the most recent photography of [REDACTED]. One van truck was observed in [REDACTED].	25X1D
25X1D	12	Mihu Storage Area, at 22-40-40N 103-09-30E, was first observed under construction in [REDACTED]. It was complete and consisted of 14 storage buildings by [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. One cargo truck was observed in [REDACTED].	25X1D
25X1D	13	Nafatuhsun Possible POL Redistributing Point, at 22-39-35N 103-09-09E, consisted of five groups of earth-covered horizontal POL storage tanks and a support area with three barracks and six support buildings in [REDACTED].	25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

TOP SECRET

FACILITY

DESCRIPTION

the buried tanks were covered by vegetation, five horizontal storage tanks were in open storage, and the support area contained 11 barracks and three support buildings. There had been no further change to this facility on the most recent photography of [REDACTED]. No order of battle has been observed.

14 Nafatuihsun Barracks Area, at 22-39-20N 103-05-25E, contained one administration building, four barracks, and six support buildings in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. No order of battle has been observed.

15 Mihu Army Barracks Southwest AL 3, [REDACTED] at 22-37-30N 103-08-50E, contained three barracks, two vehicle maintenance buildings, and one support building in [REDACTED]. The installation was being expanded in [REDACTED]. By the most recent photography of [REDACTED] it was complete and consisted of one administration building, 18 barracks, two vehicle maintenance buildings, six storage buildings, and six support buildings. No order of battle has been observed.

16 Ban Nam Coum Supply Depot, at 22-37-00N 103-09-10E, was in an early stage of construction and contained nine barracks, 16 storage buildings, and five support buildings in [REDACTED]. The installation was complete and consisted of 13 barracks, 23 storage buildings, and 15 support buildings. There had been no change to this facility on the most recent photography of [REDACTED]. Three cargo trucks were observed in [REDACTED].

17 Ban Nam Coum Barracks and Storage Area, at 22-37-05N 103-09-29E, was first observed under construction in [REDACTED]. It was complete and consisted of four barracks, three storage buildings, and four support buildings. There had been no change to this facility on the most recent photography of [REDACTED]. Four cargo trucks were observed in [REDACTED].

18 Ban Nam Coum AAA Sites, at 22-36-30N 103-09-50E, were not observed on photography [REDACTED]. The sites were first observed in [REDACTED] and consisted of three occupied, eight-position, medium AAA sites and seven support buildings. There had been no change to these sites on the most recent photography of [REDACTED]. Seven cargo trucks were observed in [REDACTED].

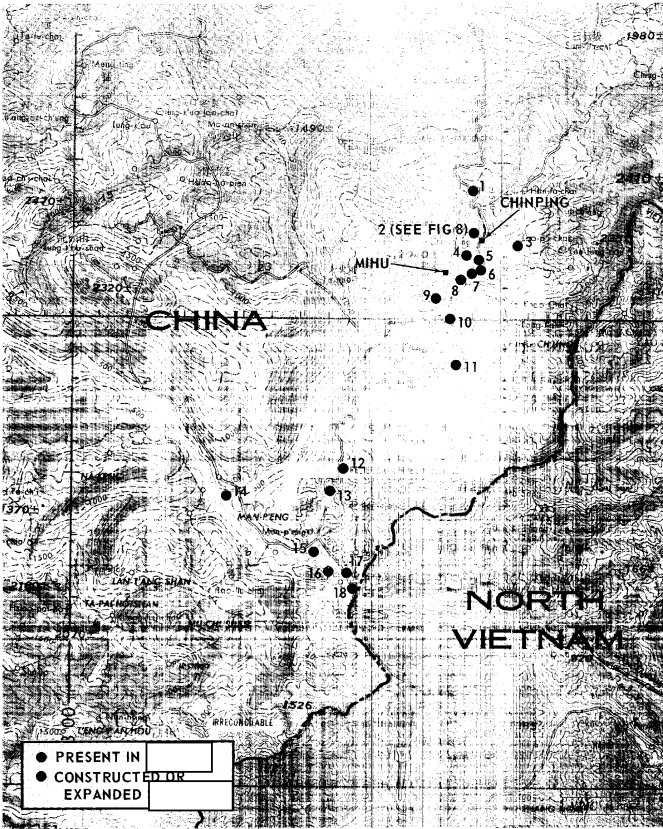


FIGURE 3. AREA 2A

TOP SECRET

25X1



Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9
TOP SECRET

25X1

ILLEGIB

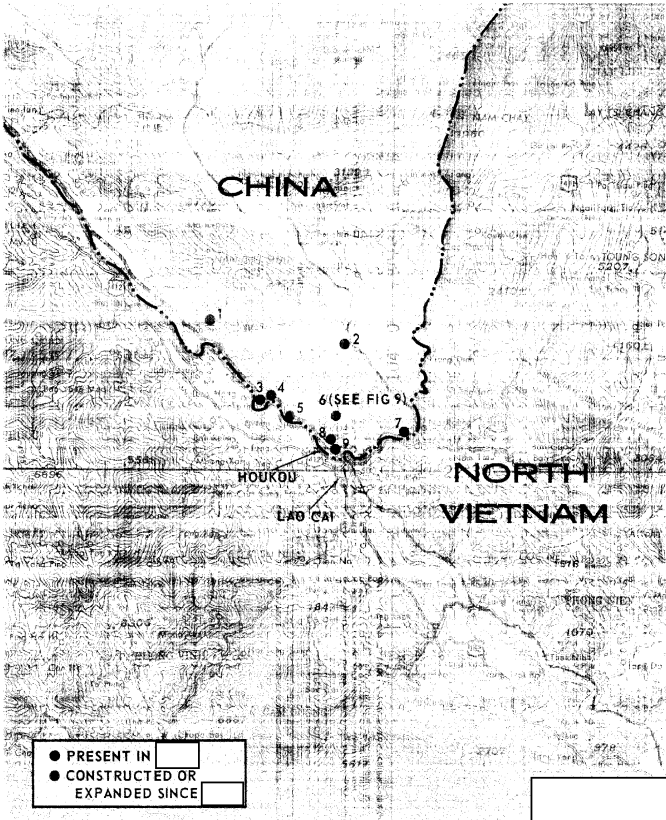


FIGURE 4. AREA 2B

25X1D
25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9
TOP SECRET

25X1

25X1

25X1

Approved For Release 2003/08/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

FACILITY

DESCRIPTION

25X1D	5	Manhun Motor Pool, at 22-31-40N 103-56-25E, was in an early stage of construction and contained two barracks and two vehicle maintenance buildings in [REDACTED]
25X1D		[REDACTED] it was complete and consisted of one administration building, two barracks, eight vehicle maintenance buildings, one bunkered possible POL storage tank, and 34 support buildings. There had been no further change to this facility on the most recent photography of [REDACTED]. The number of cargo trucks observed has varied from nine, [REDACTED]
25X1D		
25X1D		
25X1A	6	Hokou Army Barracks North (Figure 9), [REDACTED] at 22-32-25N 103-57-40E, consisted of two administration buildings, 16 barracks, two messhalls, two vehicle maintenance buildings, six storage buildings, and 12 support buildings in [REDACTED]. The facility was under construction until [REDACTED] when it was complete and consisted of five small areas with a total of two administration buildings, 25 barracks, three messhalls, 14 vehicle maintenance buildings, one multistory warehouse, 65 storage buildings, and 54 support buildings. There had been no further change to this facility on the most recent photography of [REDACTED]. The number of cargo trucks has varied from 36, [REDACTED]
25X1D		
25X1D		
25X1A	7	Liutiaopan Army Supply Depot, [REDACTED] at 22-31-29N 104-00-44E, consisted of five barracks, four vehicle maintenance buildings, two vehicle sheds, 18 warehouses, and 24 support buildings in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. No order of battle has been observed.
25X1D		
25X1D	8	Hokou AAA Sites, at 22-30-50N 103-55-00E, were under construction and consisted of one occupied, six-position AAA site in [REDACTED]. The sites were complete and consisted of six occupied, six-position AAA sites on the north and northeast edges of Hokou. There had been no further change to these sites on the most recent photography of [REDACTED]
25X1D		
25X1D	9	Hokou Rail-to-Road Transshipment Facility, at 22-30-30N 103-58-10E, was first observed under construction in [REDACTED]. It was still under construction and consisted of two rail spurs and two warehouses (one under construction) on the most recent photography of [REDACTED]. No order of battle has been observed.
25X1D		

25X1

TOP SECRET

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

ILLEGIB

Area 2C. See Foldout Map, Figure 5

approximately 25 N to 22-22N 106-50E and 22-05N 107-15E. It contains 34 logistics and military facilities and includes Pinghsiang Complex, the primary logistics base for Chinese support to North Vietnam. Sixteen major logistics facilities in the vicinity of Pinghsiang have been constructed or expanded since [redacted] while three have remained unchanged. Seven small vehicle parking areas and at least five small military facilities, also near Pinghsiang, are not separately identified in this report. They contain a total of two administration buildings, five barracks, 20 storage buildings, 30 vehicle storage buildings, and 25 support buildings—all constructed since [redacted]. The remaining 15 major facilities identified in Area 2C include seven which have been constructed or expanded since [redacted].

FACILITY

DESCRIPTION

1. Lungching Driver Training Area, [redacted] at 22-20-00N 106-50-00E, was not observed in [redacted]. The facility consisted of seven probable barracks on the abandoned Lungching airstrip. There had been no change to this facility on the most recent photograph of [redacted]. No order of battle has been observed. 25X1A 25X1D 25X1D
2. Lungching Probable Military Barracks North, at 22-20-50N 106-50-30E, consisted of one administration building, 15 probable barracks, five storage or support buildings, and four storage buildings in [redacted]. There had been no change to this facility on the most recent photograph of [redacted]. No order of battle has been observed. 25X1D 25X1D
3. Lungching Barracks AL 1, [redacted] at 22-18-20N 106-49-10E, consisted of one administration building, 30 barracks, two messhalls, and 15 storage or support buildings in [redacted]. There had been no change to this facility on the most recent photograph of [redacted]. No order of battle has been observed. 25X1A 25X1D 25X1D
4. Pinghsiang Vehicle Supply Depot North I.L. 1, [redacted] at 22-09-20N 106-47-00E, was not observed in [redacted]. The facility contained eight storage buildings and a driver training area in [redacted]. It consisted of two vehicle maintenance buildings, two vehicle storage buildings, 14 storage buildings, and a driver training area on the most recent photograph of [redacted]. The order of battle observed has varied from 23 cargo trucks in [redacted] to 50 cargo trucks and one flatbed tractor-trailer in [redacted]. 25X1A 25X1D 25X1D 25X1D
5. Pinghsiang Ammunition Depot, [redacted] at 22-08-19N 106-46-11E, consisted of one administration building, two barracks, eight dispersed storage buildings, and one support building in [redacted]. There had been no change to this facility on the most recent photograph of [redacted]. The number of trucks observed has varied from one utility truck in [redacted] to eight cargo trucks in [redacted]. 25X1A 25X1D 25X1D 25X1D

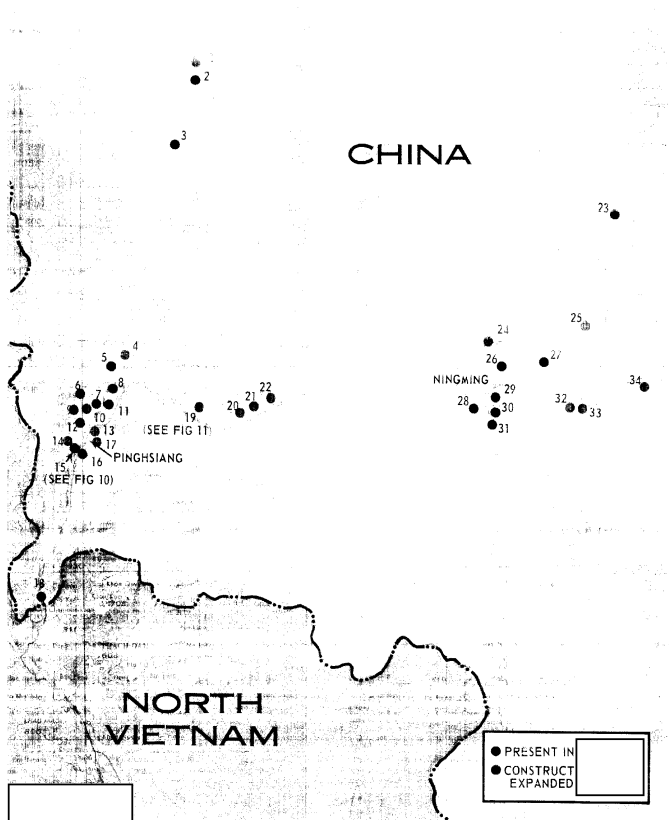


FIGURE 5. AREA 2C

TOP SECRET

25X1

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

25X1D

25X1D
25X1D

25X1D

25X1D
25X1D

25X1D

25X1D

25X1D
25X1D

25X1D

- 6 Pinghsiang Military Facility, at 22-07-50N 106-45-00E, consisted of one administration building, eight barracks, two vehicle maintenance buildings, four vehicle storage buildings, ten storage or support buildings, and three support buildings under construction in [REDACTED] the three support buildings were complete and four additional vehicle storage buildings, three barracks, and ten storage or support buildings had been constructed. In [REDACTED] the facility consisted of one administration building, twelve barracks, two vehicle maintenance buildings, ten vehicle storage buildings, ten storage buildings, and 20 storage or support buildings. There had been no further change to this facility on the most recent photography of [REDACTED] The highest number of cargo trucks observed was seven, in [REDACTED]
- 7 Pinghsiang Army Barracks North 2, at 22-07-10N 106-45-40E, consisted of two administration buildings, ten barracks, four quarters, and ten storage or support buildings in [REDACTED] The facility consisted of two administration buildings, ten barracks, four quarters, one vehicle maintenance building, nine vehicle storage buildings, and 15 storage or support buildings on the most recent photography of [REDACTED] The order of battle observed had varied from six AAA pieces and seven cargo trucks, in [REDACTED] to four cargo trucks, in [REDACTED]
- 8 Pinghsiang Storage Area North LL 2, [REDACTED] at 22-07-30N 106-46-15E, consisted of one vehicle storage building, nine storage buildings, two support buildings, and one vehicle maintenance rack in [REDACTED] There had been no change to this facility on the most recent photography of [REDACTED] The order of battle observed has varied from 22 cargo trucks and 20 utility trucks in [REDACTED] to 105 trucks and 44 vehicles or pieces of equipment in [REDACTED]
- 9 Pinghsiang Vehicle Storage Facility, at 22-06-25N 106-44-45E, consisted of one administration building, one barracks, one vehicle maintenance building, 11 vehicle storage buildings, and five storage or support buildings in [REDACTED] Five additional barracks had been constructed by the most recent photography of [REDACTED] The order of battle observed has varied from 291 trucks and numerous vehicles or pieces of equipment in [REDACTED] to none in [REDACTED]
- 10 Pinghsiang Truck Park and Maintenance Area, [REDACTED] at 22-06-45N 106-45-08E, contained three vehicle storage buildings in [REDACTED] The facility consisted of one vehicle maintenance building, 13 vehicle storage buildings, and ten storage or support buildings on the most recent photography of [REDACTED] No order of battle has been observed.
- 11 Pinghsiang Supply Depot North LL 2, [REDACTED] at 22-07-00N 106-46-10E, was not observed in [REDACTED] and was in an early stage of construction in [REDACTED] The facility consisted of 12 vehicle storage buildings and two storage or support buildings on the most recent photography of [REDACTED] Fifty-six cargo trucks were observed in [REDACTED]

25X1D

25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1A

25X1D

25X1D

25X1A

25X1D

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

12 Pinghsiang Army Barracks North, at 22-06-10N 106-44-55E, consisted of one C-shaped administration building, 12 barracks, one messhall, three vehicle storage buildings, and 20 storage or support buildings in [REDACTED]. The facility consisted of two C-shaped administration buildings, 12 barracks, two messhalls, three vehicle storage buildings, and 25 storage or support buildings by the most recent photography of [REDACTED]. At least 15 cargo trucks were observed in [REDACTED].

25X1D

25X1D

13 Pinghsiang Military Barracks East, at 22-05-45N 106-45-25E, consisted of five administration buildings (three C-shaped), 15 barracks, 20 storage or support buildings, and a clearing for vehicle parking in [REDACTED]. Nine vehicle storage buildings, constructed since [REDACTED] were also observed on the most recent photography [REDACTED]. The order of battle observed has varied from 18 probable AAA pieces and 25 cargo trucks in [REDACTED] to two cargo trucks in [REDACTED].

25X1D

25X1D

14 Pinghsiang Storage Area Southwest, at 22-05-10N 106-44-10E, consisted of one administration building, six barracks, and an open storage area in [REDACTED]. The facility was being expanded from [REDACTED] until the most recent photography [REDACTED] it consisted of one administration building, six barracks, ten probable barracks, one classroom building or auditorium, one vehicle maintenance building, 27 vehicle storage buildings, eight storage buildings, five support buildings, and several open storage areas. The number of cargo trucks observed has varied from 32 in [REDACTED].

25X1D

25X1D

25X1D

25X1D

15 Pinghsiang Railroad Transloading Yard, Station, and Shops, [REDACTED] at 22-04-20N 106-44-20E, consists of the main classification yard, the passenger station, the southwest rail-to-road transloading area, the POL transshipment facility, and the transloading facility east.

25X1D

25X1A

a. Pinghsiang Main Classification Yard consisted of an eight-track standard gauge classification yard, a two-track standard gauge transshipment yard, a four-track meter gauge transshipment yard, a six-track meter gauge classification yard, and four large transshipment buildings between the standard and meter gauge transshipment yards in [REDACTED]. After the construction of dual gauge tracks from Dong Dang to Pinghsiang in [REDACTED] an undetermined number of tracks were converted to a dual gauge capability. There had been no significant change to this facility on the most recent photography of [REDACTED].

25X1D

b. Pinghsiang Passenger Station consisted of one large station, a covered walkway, two dead-end sidings, and at least two through tracks in [REDACTED]. There had been no significant change to this facility on the most recent photography [REDACTED].

25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

25X1

Approved For Release 2003/09/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

FACILITY

DESCRIPTION

c. Pinghsiang Southwest Rail-to-Road Transloading Area (Figure 10) consisted of one C-shaped administration building, two barracks, two dead-end standard gauge rail spurs, three large warehouses, two large storage buildings, two transloading buildings, six storage buildings, 15 storage or support buildings, and a POL storage area with six earth-covered POL storage tank arrays in [REDACTED]. Seven barracks or quarters and seven storage buildings were added by [REDACTED]. There were no further changes to this facility on the most recent photography of [REDACTED]. The order of battle observed has varied from approximately 100 FA pieces and 80 trucks in [REDACTED] to 24 FA pieces and 109 AAA pieces in [REDACTED] (Figure 10), to 40 vehicles or pieces of equipment in [REDACTED].

25X1D

25X1D

25X1D

25X1D

25X1D

d. Pinghsiang POL Transshipment Facility consisted of a wall-secured, rail-served area containing one large building and one small building in [REDACTED]. The large building had both standard and meter gauge tracks extending through it. There had been no change to this facility on the most recent photography of [REDACTED].

25X1D

e. Pinghsiang Transloading Facility East consisted of one large building with a meter gauge rail spur extending through it, three small buildings, and a large pond in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED].

16 Pinghsiang Possible Army Ordnance Depot, [REDACTED] at 22-05-00N 106-45-00E, consisted of two vehicle maintenance buildings, seven vehicle storage buildings, ten equipment storage buildings, one heating plant, and 12 storage or support buildings in [REDACTED]. One additional vehicle maintenance building had been constructed by the most recent photography of [REDACTED]. The order of battle observed has varied from 44 unidentified vehicles in [REDACTED] to 64 cargo trucks in [REDACTED].

25X1A

25X1D

25X1D

17 Pinghsiang Military Storage Facility East Under Construction, at 22-05-25N 106-45-35E, contained numerous areas cleared for buildings in [REDACTED]. The facility consisted of eight probable storage buildings and at least ten building foundations on the most recent photography of [REDACTED].

25X1D

25X1D

18 Chennankuan Border Checkpoint, [REDACTED] at 21-58-23N 106-43-00E, consisted of a border crossing point, six barracks, and a border observation post in [REDACTED]. There had been no change to this facility on the most recent photography of [REDACTED]. At least 15 cargo trucks were observed in [REDACTED].

25X1A

25X1D

Approved For Release 2003/09/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

FACILITY

DESCRIPTION

- 19 Pinghsiang Military Storage East LL 3 (Figure 11). [] at 22-06-50N 106-50-05E. was in an early stage of construction in [] the facility consisted of one rail spur, ten barracks, five vehicle maintenance buildings, 25 vehicle storage buildings, 35 storage buildings, 15 support buildings, and extensive open storage. At least ten additional buildings had been constructed by the most recent photography of [] The order of battle observed has varied from 20 flatcars (each with a vehicle or piece of equipment), 32 other railcars, and approximately 90 trucks in [] to 15 cargo trucks in []
- 20 Hsiashih Vehicle Storage Area, at 22-06-45N 106-52-40E. was not observed in [] The facility consisted of ten storage buildings and [] entrances in [] By the most recent photography of [] six of the original storage buildings had been removed and the facility consisted of one probable vehicle maintenance building, five storage buildings, and [] Six cargo trucks were observed in []
- 21 Hsiashih Military Storage Area, [] at 22-07-10N 106-53-20E. consisted of one C-shaped administration building and six barracks in [] 21 storage buildings and five storage or support buildings had been constructed. There had been no further change to this facility on the most recent photography of [] The number of cargo trucks observed has varied from 50 in [] to 135 in []
- 22 Hsiashih Storage Facility East, at 22-07-30N 106-54-15E. was in an early stage of construction in [] the facility consisted of one rail spur, four vehicle storage buildings, 14 storage buildings, and five tents. The construction on the facility continued until [] when it consisted of two rail spurs, seven vehicle storage buildings, 37 storage buildings (three large), and ten support buildings. At least five cargo trucks and a large amount of unidentified materials were observed in []
- 23 Tienhsiang Rail Spur Construction, at 22-15-10N 107-09-50E. consisted of an approximately 0.5-nm rail bed with a parallel road in [] There had been no significant change in construction on the most recent photography of [] No order of battle has been observed.
- 24 Ningming Probable Military Area, at 22-09-55N 107-04-00E. consisted of two administration buildings, ten barracks, one messhall, two vehicle maintenance buildings,

25X1A

25X1D

25X1D

25X1D

25X1D

25X1B

25X1A
25X1D

25X1D

25X1D

25X1D

25X1D

25X1A

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1D

25X1

TOP SECRET**FACILITY****DESCRIPTION**

- 17 storage buildings, and ten support buildings in [REDACTED] The construction on the facility continued and by the most recent photography of [REDACTED] an additional 21 storage buildings and 20 probable storage buildings had been constructed. The order of battle observed has varied from 17 cargo trucks in [REDACTED] to four AAA pieces and 33 cargo trucks in [REDACTED]
- 25 Ningming Air Warning Radar Facility, [REDACTED] at 22-10-35N 107-08-30E. was identified as a probable radar facility in [REDACTED] one CROSS LEGS radar and five vans or vehicles were observed at the site. The facility has not been observed on high-resolution photography since that time.
- 26 Ningming Military Installation, [REDACTED] at 22-08-40N 107-04-10E, consisted of four administration buildings, one auditorium, 25 barracks, four messhalls, five storage or support buildings, and ten support buildings in [REDACTED] There had been no change to this facility on the most recent photography of [REDACTED] The order of battle observed has varied from at least 20 cargo trucks in [REDACTED] to 33 cargo trucks and eight cargo trailers in [REDACTED]
- 27 Ningming Air Defense Headquarters Radar Facilities, [REDACTED] at 22-08-50N 107-06-10E, consisted of one probable MOON FACE-type radar in [REDACTED] The facility has not been observed on high-resolution photography since that time.
- 28 Ningming Air Defense Headquarters Radar Facilities, [REDACTED] at 22-07-15N 107-03-39E, consisted of one TOKEN-type radar and three support buildings in [REDACTED] The facility has not been observed on high-resolution photography since that time.
- 29 Ningming Army Barracks Southeast, at 22-07-20N 107-04-20E, was not observed in [REDACTED] The facility was under construction and consisted of at least 15 buildings in [REDACTED] Thirty-six probable storage buildings were observed by [REDACTED] There had been no further change to this facility on the most recent photography of [REDACTED] No order of battle has been observed.
- 30 Ningming Air Defense Headquarters Radar Facilities, [REDACTED] at 22-06-50N 107-04-00E, consisted of two MOON FACE-type radars and nine support buildings in [REDACTED] There had been no change to this facility in [REDACTED] It has not been observed on high-resolution photography since that time.

TOP SECRET

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

~~TOP SECRET~~

25X1

FACILITY

DESCRIPTION

25X1D

- 31 Ningming Storage Area South, [] at 22-06-20N 107-04-05E, consisted of 11 storage buildings in []. There had been no change to this facility on the most recent photography of []. No order of battle has been observed.

25X1A

25X1D

25X1A
25X1D

- 32 Ningming Airfield, [] at 22-07-15N 107-07-37E, was first identified under construction in [] and consisted of an approximately 9,000-by 1,000-foot graded area and approximately 150 construction support buildings. Seventy trucks, 50 tractors, 50 earth scrapers, and 25 pieces of construction equipment were observed. The construction continued and by [] the airfield consisted of a 7,210-by 155-foot, east-northeast/west-southwest, serviceable, concrete runway; a rail-served, POL storage area 4 nm north of the runway center; aircraft dispersal areas under construction northwest and northeast of the runway; and two support areas containing a total of one administration building, 16 barracks, seven messhalls, and approximately 214 storage or support buildings. By [] the dispersal areas contained a total of 24 revetted hardstands and a firing-in butt, and two large hangars were in the northwest dispersal area; a possibly associated barracks area was identified 2.6 nm northwest of the runway center and consisted of four administration buildings, one auditorium, 32 barracks, five messhalls, and 22 support buildings; and a probable air-to-air missile facility was identified 1.2 nm north of the west-southwest end of the runway and contained two drive-through buildings, six other buildings, and at least 13 unidentified objects. There had been no further change to this facility on the most recent photography of []. The order of battle observed has varied from 27 fighter-type aircraft, on [] to 33 FAGOT or FRESCO on [] to seven FARMER and 17 FAGOT or FRESCO on [].

25X1D

25X1D

25X1D
25X1D25X1D
25X1D

25X1A

25X1D

- 33 Ningming Airfield SAM Site All-2, [] at 22-07-10N 107-08-00E, consisted of five launch positions occupied by probable launchers, an occupied guidance area, and a support area with 40 tents in []. Smoke obscured a portion of the site. By [] the site had been abandoned. There had been no further change on the most recent photography of []. Five probable launchers and two missile transporters were observed in [].

25X1D

25X1D
25X1D

25X1D

- 34 Ningming Air Warning Radar Facility, [] at 22-08-00N 107-11-00E, consisted of two MOON FACE-type radars and five small buildings in []. [] only the buildings remained. There has been no high-resolution photography of this facility since that time.

25X1A
25X1D~~TOP SECRET~~

25X1

TOP SECRET

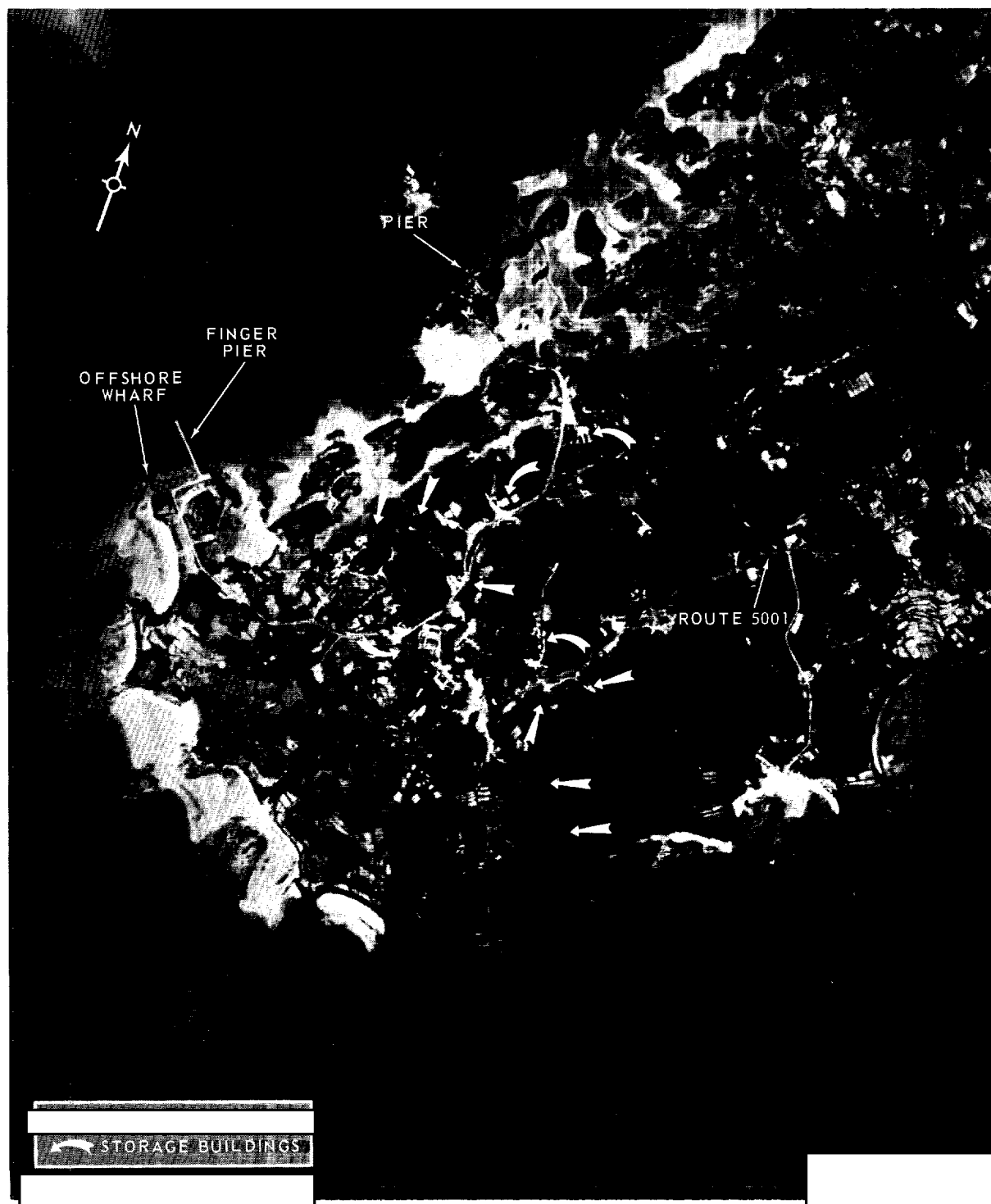


FIGURE 6. PAILUNG NAVAL FACILITY

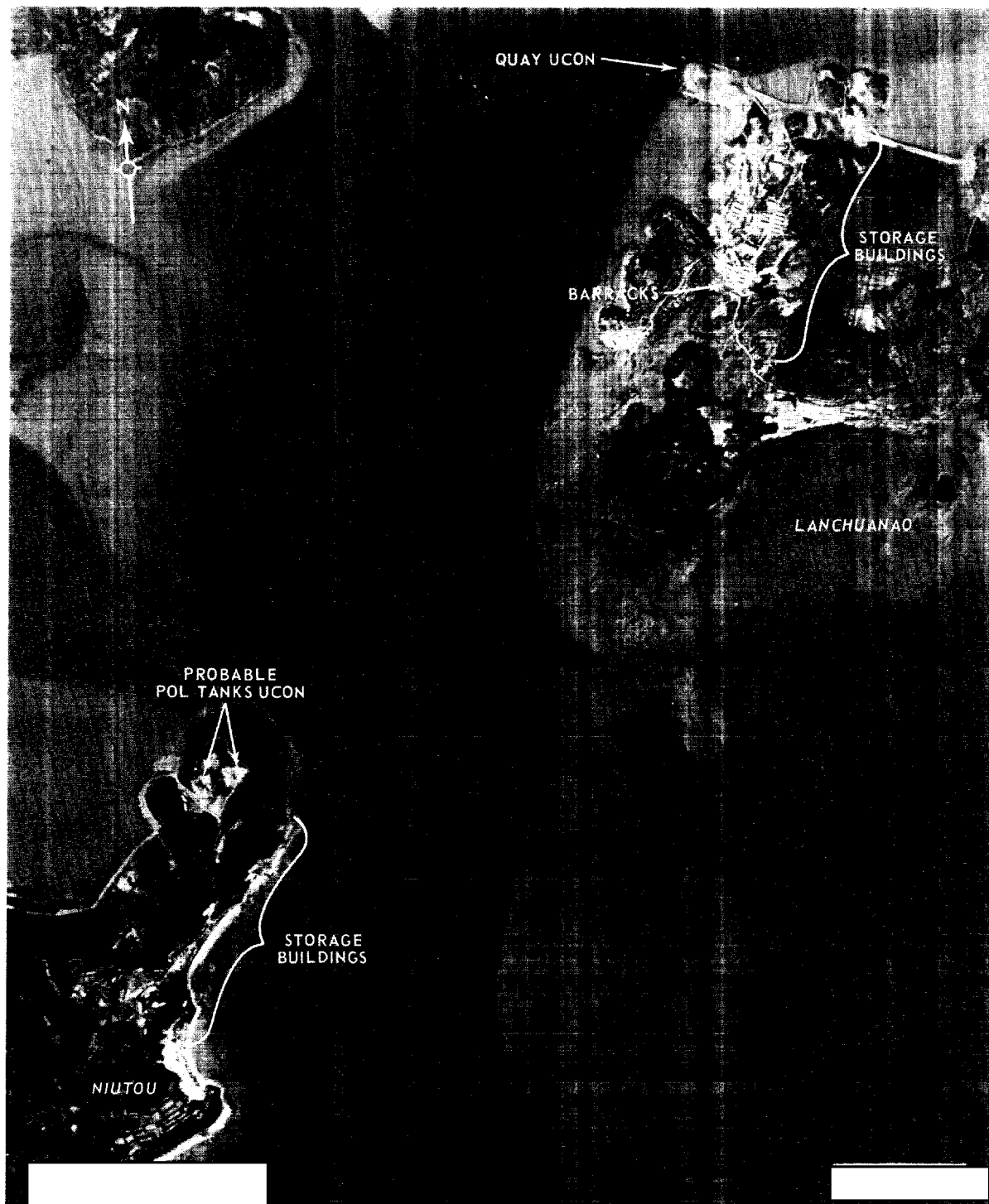
TOP SECRET

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1



25X1D

25X1

FIGURE 7. LANCHUANAO PORT FACILITY AND NIUTOU LOGISTICS FACILITY

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

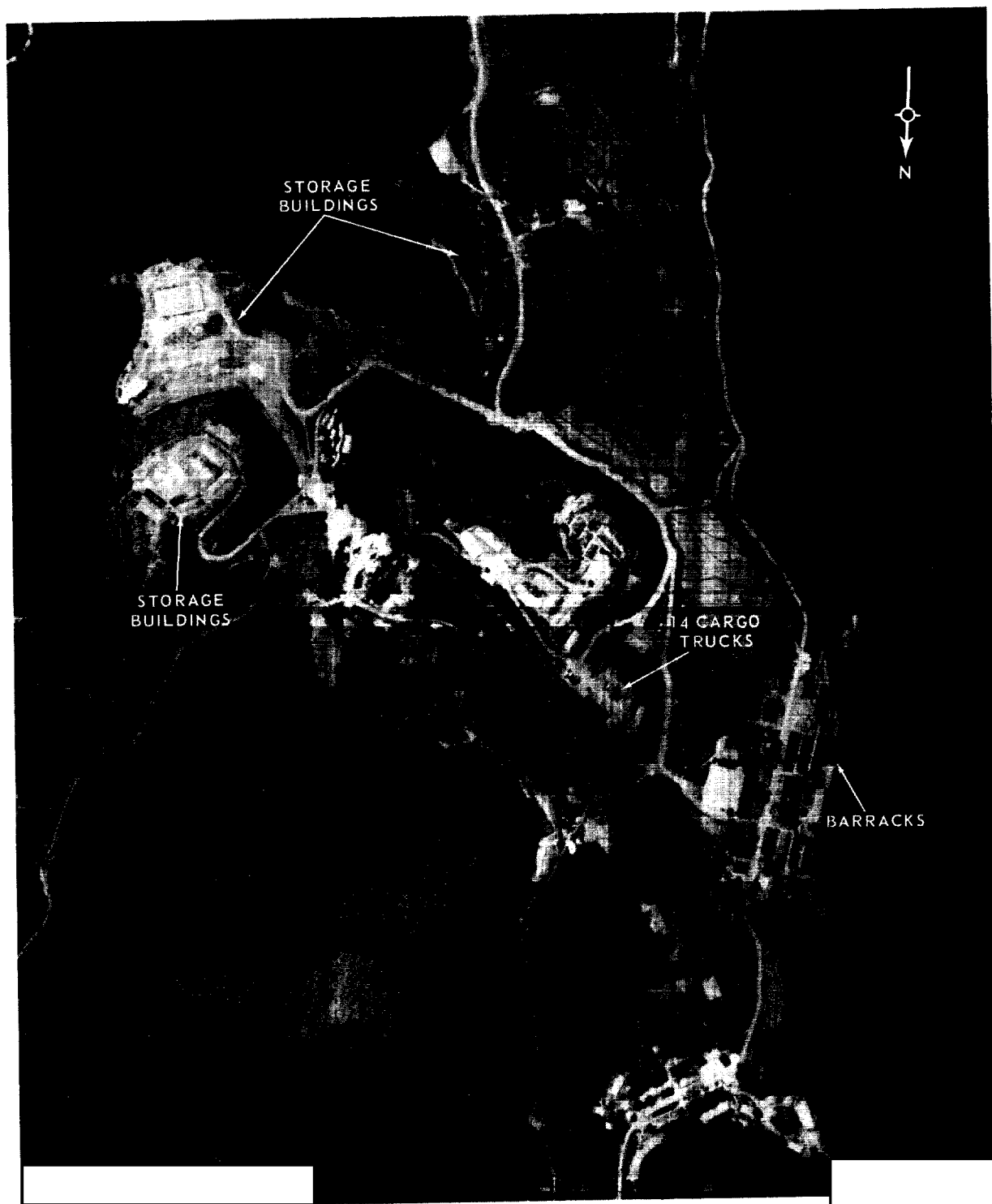
Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1



25X1D

FIGURE 9. HOKOU ARMY BARRACKS NORTH

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1D

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

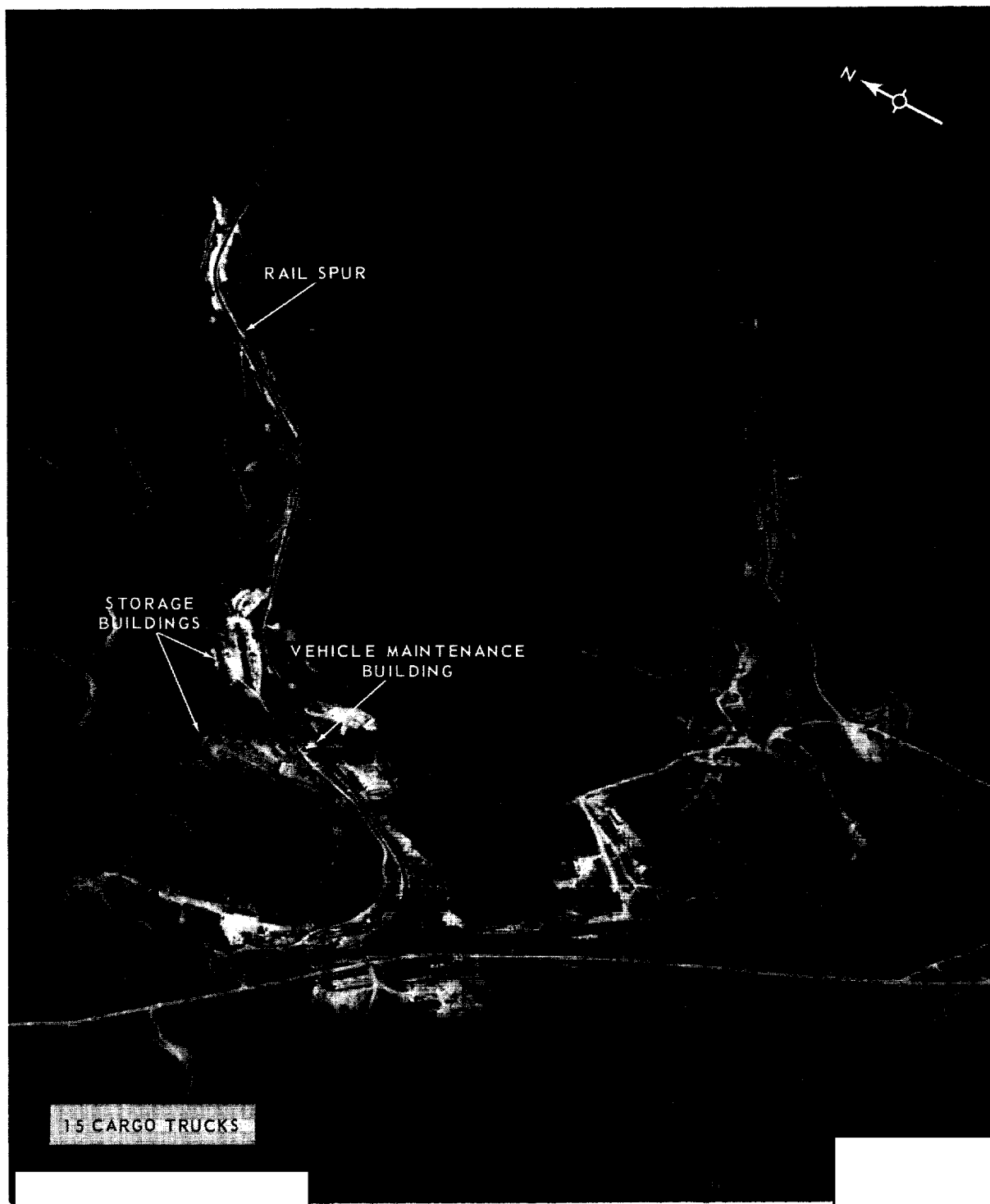
Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1



25X1D

25X1

FIGURE 11. PINGHSIANG MILITARY STORAGE EAST LL 3

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1

Approved For Release 2003/06/29 : CIA-RDP78T04759A009400010023-9

TOP SECRET

25X1

25X1D

REFERENCES

MAPS OR CHARTS

ACIC. US Air Force Jet Navigation Chart, Sheet 37, 5th ed, Feb 67, scale 1:3,000,000 (UNCLASSIFIED)

ACIC. US Air Force Operational Navigation Chart, Sheet J11, 7th ed, Oct 68, scale 1:1,000,000 (UNCLASSIFIED)

ACIC. Army Map Service JOG (G) Series 1501, Sheet NF 48-5, 2d ed, Aug 67, scale 1:250,000 (UNCLASSIFIED)

ACIC. Army Map Service JOG (G) Series 1501, Sheet NF 48-6, 2d ed, Aug 67, scale 1:250,000 (UNCLASSIFIED)

ACIC. Army Map Service JOG (G) Series 1501, Sheet NF 48-8, 2d ed, Aug 67, scale 1:250,000 (UNCLASSIFIED)

ACIC. Army Map Service JOG (G) Series 1501, Sheet NF 48-12, 2d ed, Aug 67, scale 1:250,000 (UNCLASSIFIED)

DOCUMENTS

1. NPIC. R-210/66, Selected Transportation and Infiltration Activity, Southeast Asia, No.10, 23 Jun-6 Jul 66 (CONFIDENTIAL)

2. NPIC. R-265/66, Selected Transportation and Infiltration Compendium, No. 16, 11-17 Aug 66 (CONFIDENTIAL)

3. NPIC. Logistics Activity, China-Laos Border Area, May 69 (TOP SECRET)

REQUIREMENT

NPIC Project 250421

Approved For Release 2003/06/29 : CIA-RDP78T04759A009400010023-9

TOP SECRET

P78T04759A009400010023-9

25X1

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET

Approved For Release 2003/06/20 : CIA-RDP78T04759A009400010023-9

TOP SECRET